
Pirbright Wildfire CHEMET 745_001**Issued by Met Office Environment Monitoring and Response Centre (EMARC)**Tel: [01392 447947](tel:01392447947)Email: emarc@metoffice.gov.ukLink to [Hazard Manager](#)**Plume forecast below 100m** - map will be sent separately

Forecast Issued on Tuesday, 05 July 2022 at 09:21 local

To: Duty Officer**Organisation:** Surrey FRS**Tel:** 01737499050**Email:** sfrsmobilising.control@surreycc.gov.uk

Forecast for: Pirbright**Nature of Incident:** Wildfire**Incident ongoing since:** 05/07/2022 09:06**Forecast valid between:** 09:06 05/07/2022 and 13:06 05/07/2022**Surface wind direction/speed:** *Blowing from NW towards SE at 8 mph.***Weather conditions and effect on plume:** The plume will disperse moderately horizontally and vertically towards the southeast.

If incident continues beyond the validity period, the following weather conditions will affect the plume

Little change in plume direction this afternoon, although winds will be slightly stronger.

Please call [01392 447947](tel:01392447947) to request further updates if this incident is likely to continue or to discuss further.

Additional Information for Science and Health Agencies**Precipitation (type and intensity):** Dry**Total Cloud amount:** 5 oktas**Height of lowest significant cloud:** 3500 feet**Air temperature:** 18 °C**Relative humidity:** 50 %**Depth of mixing layer:** 1400 metres**Wind at top of mixing layer:** Blowing from 300 to 120 degrees at 20 km/h**Air stability:** B (A=unstable, G=stable)**Latitude and Longitude of source:** 51.3104 N, 0.654 W**Sensible heat flux:** 228 W/m²